Environmental Intelligence, LLC

March 7, 2019

Robert Welch
Project Manager
City of Beverly Hills
345 Foothill Road
Beverly Hills, CA 90210

Joseph DeMello
Director, Construction Manager
Westside Purple Line Extension Section 1
Los Angeles County Metropolitan Transportation Authority
One Gateway Plaza, 17th Floor
Los Angeles, CA 90012

Subject: Segment 1 - Purple Line Extension Project ICM Weekly Report
February 24, 2019 – March 2, 2019

Dear Mr. Welch and Mr. DeMello,

Environmental Intelligence, LLC (EI) has been retained by the City of Beverly Hills (COBH) and the Los Angeles County Metropolitan Transportation Authority (Metro) to serve as the independent compliance monitor (ICM) during construction of the Purple Line Extension Project. Monitoring is required to ensure construction is in compliance with (1) the Memorandum of Agreement (MOA) for Advance Utilities Relocation Phase of the Purple Line Extension Project – Segment 1 – Between the City of Beverly Hills and the Los Angeles Metropolitan Transportation Authority (City Agreement No. 452-14), and (2) the MOA for Contract C1045 of the Purple Line Extension Project – Segment 1 – Between the City of Beverly Hills and the Los Angeles County Metropolitan Transportation Authority (City Agreement No. 66-16). The following information summarizes the ICM monitoring activities that occurred at the Segment 1 site (La Cienega Station site) during the week of **February 24, 2019 – March 2, 2019**. No construction activities were conducted on February 24 or March 2.

Construction activities during the week included fabricating iron in the yard, excavating, lagging, deliveries of equipment and materials to the Gale yard, fabricating a timber mat in the yard, haul trucks hauling spoils from Gale yard, UMP repair and MPBX installation at the Wilshire Blvd./La Cienega Blvd. intersection, cutting, prepping and moving whalers and wooden beams, drilling and installing plastic pipes for dewatering, stormwater mitigation, digging underground dewatering wells, installing straw wattles around the construction sites, and street cleaning. EI ICMs were present on site during all construction activities and conducted routine noise measurements at selected noise monitoring locations as well as compliance checks in accordance with the MOAs and associated attachments, exhibits, traffic closure notifications, and traffic management plans. At the conclusion of each work shift, daily monitoring reports were prepared by the ICM. Any violations for that date were also prepared by the ICM then reviewed and submitted to the COBH and Metro by EI's Project Manager.

VIOLATION SUMMARY

During the week, EI ICMs identified a total of one (1) violation during construction activities. Table I provides a summary of the violation identified during the week of February 24, 2019 – March 2, 2019 and Exhibit 1 provides a location map for the submitted violation. Details for the violation are included as Attachment A. Daily monitoring reports and photographs of construction activities are provided as Attachment B. Daily noise monitoring data are provided in Attachment C.

CONCLUSION

To date, 198 violations have been issued, 18 of which have been rescinded since the beginning of construction on the C1045 Contract for the Purple Line Extension Project – Segment 1. Project construction activities are ongoing and EI ICMs continue to monitor all construction activities applicable to the MOAs on a daily basis.

If you have any questions or comments regarding this letter, please contact me directly at 310.469.8989 or jeremiahgeorge@enviro-intel.com.

Sincerely,

ENVIRONMENTAL INTELLIGENCE, LLC

Jeremiah George
Project Manager

Attachments: Attachment A: Violations
Attachment B: Daily Monitoring Reports
Attachment C: Noise Monitoring Data Log

cc: Valerie Mudegoren, City of Beverly Hills
Nell Mardirosian, Los Angeles County Metropolitan Transportation Authority
Michelle Marquez-Riley, Los Angeles County Metropolitan Transportation Authority
Candace Lee, Los Angeles County Metropolitan Transportation Authority
Brett Barnett, Psomas
Bill Zein, Psomas
Alex Kay, City of Beverly Hills

TABLE I: VIOLATION SUMMARY (FEBRUARY 24 – MARCH 2, 2019)

Violation ID	Date	Time	ICM	Location	Condition Violated	Iteration - Violation	Metro Response
198	2/27/2019	11:39	Annamarie Hand	111 N. Gale Dr.	Article XIV-1 - Backup Alarms	1 - Warning	"We disagree with this violation and ask for rescindment. As noted in this report, this was a 3rd party delivery truck. As relayed in similar instances, delivery trucks are exempt from stipulations of the MOA."

SOURCE: bing Maps, ESRI World Transportation and World Imagery Base Maps, LACMTA, City of Beverly Hills Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet, Projection: Lambert Conformal Conic, Datum: North American 1983

Environmental Intelligence I:\City of Beverly Hills\Compliance Monitoring Svc RFQ 17-3 - March 2017\02_GIS_Data\maps\2019\Weekly\Reports\Section1_LaCienega\20190224_to_20190302\Exh01_Viol_El01_20190305.mxd

● Violation Location (with Violation ID)

N W E S

0 150 300 Feet

1:1,800 1 in = 150 feet

Exhibit 1 : Violation Location (February 24 - March 2, 2019)

Section 1 - La Cienega Station | City of Beverly Hills, CA

Updated: 3/5/2019

Attachment A
Violations

ICM Violation Form - Section 1 DB MOA 66-17 (1)

UID:2811 Date:2/27/2019 ICM Violation Form - Section 1 DB MOA 66-17

Violation Details

1. Violation ID	198
2. Violation Iteration	1 - Warning
3. Time of Violation	11:39
4. Address	111 N Gale

Applicable Measures

5. Memorandum of Agreement No. 66-17	• Article XIV-1 - Backup Alarms
6. Exhibit A: PDD Permit and City of Beverly Hills Conditions for Approval	• Noise Mitigation Measures (See also Article XIV of MOA and Exhibit E)
7. Exhibit C: Detour Routes During Full Closures of Wilshire Boulevard	
8. Exhibit D: Saban Theatre Pedestrian Access Plan	
9. Exhibit E: Metro 5-Step Noise Control Plan	• Noise Control Measures • Equipment
10. Other Plans	
11. Other Plan Description	

Latitude: 34.065175
Longitude: -118.374091
Elevation: 41.1848068237305

Notes

Violation ID 198
At 11:39 hours, the ICM Annamarie Hand observed a flatbed delivery truck driving in reverse along N. Gale Dr. within the Gale Closure, and exiting on to Wilshire Blvd. The backup alarm on the vehicle was not a "low impact alarm". This activity is in violation of Article XIV and Exhibits A and E of the MOA. The ICM notified Metro Inspector Tarik Hamdi of the violation. This is the first incidence of this violation at this location within the last ten days.

Report Tracking: Created by Annamarie Hand on 2/27/2019 5:47:12 AM, Approved by Jeremiah George on 2/28/2019 6:01:18 AM

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Attachment B

Daily Monitoring Reports

2/24/2019 - 3/2/2019

Summaries (6)

Date	Monday, February 25, 2019
Monitor	Annamarie Hand
Location	La Cienega Station
Time	05:15:00 to 15:30:00
Compliant	Yes
Summary	Contractors/Subcontractors: STS; Century Sweeping; Rivera Trucking Representatives On-Site: Tarek Hamdi (Metro); Aaron Jayne (Metro); Alex Morales (STS); Howard Jordan (STS); Thomas Wukadinovich (STS); Adnan Aldwir (Psomas) Work Location(s): Gale yard; below deck along Wilshire Blvd. The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 05:15 hours to 15:30 hours on February 25th, 2019. EI ICM Annamarie Hand met with STS Superintendent Alex Morales and Metro Inspector Tarek Hamdi to discuss the day's activities. At the beginning of the shift, the ICM calibrated the sound meter at 94.00 dB (to 94.00 dB). Work for the day included trucks hauling out spoils, fabricating iron in the yard, excavating, and deliveries of equipment and steel materials to the Gale yard.

Date	Tuesday, February 26, 2019
Monitor	Annamarie Hand
Location	La Cienega Station
Time	05:15:00 to 15:30:00
Compliant	Yes
Summary	Contractors/Subcontractors: STS; Century Sweeping; Rivera Trucking; Miranda Trucking Representatives On-Site: Tarek Hamdi (Metro); Aaron Jayne (Metro); Alex Morales (STS); Howard Jordan (STS); Thomas Wukadinovich (STS); Adnan Aldwir (Psomas) Work Location(s): Gale yard; below deck along Wilshire Blvd. The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 05:15 hours to 15:30 hours on February 26th, 2019. EI ICM Annamarie Hand met with STS Foreman Thomas Wukadinovich and Metro Inspector Tarek Hamdi to discuss the day's activities. At the beginning of the shift, the ICM calibrated the sound meter at 94.00 dB (to 94.00 dB). Work for the day included trucks hauling out spoils, fabricating a timber mat in the yard, excavating, and deliveries of equipment and materials to the Gale yard. Note: Failed attempts to take readings at SLC 1A (area is gated off for demolition); SLC 9 (ambient noise levels too high); SLC 5 (street cleaning, dumpster trucks, and landscapers)

Date Wednesday, February 27, 2019

Monitor Annamarie Hand

Location La Cienega Station

Time 05:15:00 to 15:30:00

Compliant No

Summary

Contractors/Subcontractors: STS; Century Sweeping; Santana Trucking

Representatives On-Site: Tarek Hamdi (Metro); Aaron Jayne (Metro); Alex Morales (STS); Howard Jordan (STS); Thomas Wukadinovich (STS); Adnan Aldwir (Psomas); Drew Polley (Kroner)

Work Location(s): Gale enclosure; Gale yard; below deck along Wilshire Blvd.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 05:15 hours to 15:30 hours on February 27th, 2019. EI ICM Annamarie Hand met with STS Foreman Alex Morales and Metro Inspector Tarek Hamdi to discuss the day's activities. At the beginning of the shift, the ICM calibrated the sound meter at 94.00 dB (to 94.00 dB).

Work for the day included fabricating a timber mat in the yard, excavating, lagging and deliveries of equipment and materials to the Gale yard.

Violation ID 198:
At 11:39 hours, the ICM Annamarie Hand observed a flatbed timber delivery truck driving in reverse along N. Gale Dr. within the Gale closure, and exiting onto Wilshire Blvd. The backup alarm on the vehicle was not a "low impact alarm". This activity is in violation of Article XIV and Exhibits A and E of the MOA. The ICM notified Metro Inspector Tarik Hamdi of the violation. This is the first incidence of this violation at this location within the last ten days.

Date Thursday, February 28, 2019

Monitor Annamarie Hand

Location La Cienega Station

Time 05:15:00 to 15:30:00

Compliant Yes

Summary Contractors/Subcontractors: STS; Century Sweeping

Representatives On-Site: Tarek Hamdi (Metro); Aaron Jayne (Metro); Alex Morales (STS); Howard Jordan (STS); Thomas Wukadinovich (STS); Adnan Aldwir (Psomas); Grover Williams (Kleinfelder)

Work Location(s): Gale yard; below deck along Wilshire Blvd.

The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 05:15 hours to 15:30 hours on February 28th, 2019. EI ICM Annamarie Hand met with STS Foreman Alex Morales and Metro Inspector Tarek Hamdi to discuss the day's activities. At the beginning of the shift, the ICM calibrated the sound meter at 94.00 dB (to 94.00 dB).

Work for the day included deliveries of materials; fabricating a timber mat in the yard and excavating below the deck on Wilshire.

Crane started at 06:40 hours.

Note: Due to precipitation in the morning, readings were not taken until 07:00 hours.

Date	Thursday, February 28, 2019
Monitor	Annamarie Hand
Location	La Cienega Station
Time	20:00:00 to 00:00:00
Compliant	Yes
Summary	Contractor/Subcontractors: Morgner; Full Traffic Maintenance Inc. Representatives On-Site: Abdul (Metro); Christian Camarena (Morgner); Phil Lattuce (PSOMAS) Work Location(s): Wilshire Blvd./La Cienega Blvd. intersection The ICM was in possession of applicable COBH-approved closure notifications and TCP for the night's work from 20:00 hours to 22:30 hours (four hour minimum for set-up) on February 28th 2018. EI ICM Annamarie Hand met with Morgner Foreman Christian Camarena to discuss the night's activities. At the beginning of the shift, the ICM calibrated the sound meter at 94.00 dB. Work for the night included conducting UMP repair/ MPBX installation at the Wilshire Blvd./La Cienega Blvd. intersection. Note: A number of sound readings were taken at various receptor sites adjacent to the La Cienega yard.

Date	Friday, March 01, 2019
Monitor	Daniel Chang
Location	La Cienega Station
Time	05:15:00 to 17:30:00
Compliant	Yes
Summary	Contractors/Subcontractors: STS, PSOMAS, Century Sweeping. Representatives On-Site: Alex Morales (STS); Tarek Hamdi (Metro); Howard Jordan (STS); Adnan Aldwir (Psomas); Aaron Jayne (Metro); Alex Kay (COBH). Work Location(s): Gale yard; below deck along Wilshire Blvd. The ICM was in possession of applicable COBH-approved closure notifications and TCP for the day's work from 05:15 hours to 17:30 hours on March 1st, 2019. EI ICM Daniel Chang met with STS foreman Alex Morales and Metro Inspector Tarek Hamdi to discuss the day's activities. At the beginning of the shift, the ICM calibrated the sound meter at 93.9 dB (to 94.00 dB). Work for the day included moving whalers to the west side underground, cutting whalers, hoisting and stockpiling soil in the Gale yard, pumping, lowering wooden beams, cutting & prepping wooden beams, lowering wooden beams into Gale yard Shaft, drilling plastic pipes, lowering plastic pipes, installing plastic pipes for dewatering, placement of material for underground movement, well preparation, moving equipment underground, hoisting machinery and equipment into the Gale yard shaft, excavation below deck, storm water mitigation, digging underground dewatering wells, and installing straw wattles around construction zones. In addition, mechanics worked on the heavy machinery in the northwest corner of Gale yard, and the Century sweeper cleaned the streets adjacent to La Cienega and Gale yard.

Photos

Photos (28)

UID: 2797
Date: Feb 25, 2019
Type: Pre-Activity
Latitude: 34.0655607678128
Longitude: -118.374285546238
Elevation: 41.184365272522

Notes

Photo of crews setting up the N. Gale closure.

UID: 2798
Date: Feb 25, 2019
Type: Construction Activity
Latitude: 34.0653118365362
Longitude: -118.374348237564
Elevation: 41.8358306884766

Notes

Photo of front loader moving spoils in the Gale yard.

UID: 2800
Date: Feb 25, 2019
Type: Construction Activity
Latitude: 34.0653315687899
Longitude: -118.374515958389
Elevation: 41.1859121322631

Notes

Photo of fabrication work in the Gale yard.

UID: 2799
Date: Feb 25, 2019
Type: Construction Activity
Latitude: 34.0651296386
Longitude: -118.37408834972
Elevation: 41.4102058410645

Notes

Photo of materials delivery to the Gale yard.

UID: 2804
Date: Feb 26, 2019
Type: General
Latitude: 34.0660546688162
Longitude: -118.37614305312
Elevation: 42.1537003236153

Notes

Photo of blocked access to SLC 1A.

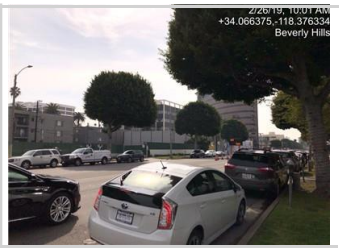
Photos

UID: 2805
Date: Feb 26, 2019
Type: General

Latitude: 34.0664242310143
Longitude: -118.376268400338
Elevation: 43.2219467163086

Notes

Photo of the La Cienega yard from receptor SLC 9.



UID: 2801
Date: Feb 26, 2019
Type: Pre-Activity

Latitude: 34.065787213306
Longitude: -118.374032277121
Elevation: 42.679931640625

Notes

Photo of sound blankets installed at the N. Gale closure.

UID: 2806
Date: Feb 26, 2019
Type: Construction Activity

Latitude: 34.0654756548447
Longitude: -118.373912019018
Elevation: 42.0708427429199

Notes

Photo of crane hoisting out a vehicle from the Gale shaft.

UID: 2803
Date: Feb 26, 2019
Type: Construction Activity

Latitude: 34.0652567813544
Longitude: -118.373850698787
Elevation: 41.3632659912109

Notes

Photo of haul trucks entering the Gale yard.

UID: 2802
Date: Feb 26, 2019
Type: Construction Activity

Latitude: 34.0653100956898
Longitude: -118.374301611318
Elevation: 41.1861371994047

Notes

Photo of front loader loading haul trucks.

UID: 2807
Date: Feb 27, 2019
Type: Pre-Activity

Latitude: 34.0655866444617
Longitude: -118.373947763553
Elevation: 41.8628578186035

Notes

Photo of crew implementing the N. Gale closure.

Photos

UID: 2808
Date: Feb 27, 2019
Type: Construction Activity
Latitude: 34.0653890332752
Longitude: -118.374397237613
Elevation: 41.9897232055664

Notes

Photo of crews working with timber in the Gale yard.

UID: 2810
Date: Feb 27, 2019
Type: Construction Activity
Latitude: 34.0657372988097
Longitude: -118.37393157195
Elevation: 42.1908874511719

Notes

Photo of timber delivery to the Gale yard.

UID: 2809
Date: Feb 27, 2019
Type: Construction Activity
Latitude: 34.06529811906
Longitude: -118.373971916348
Elevation: 41.5440292358398

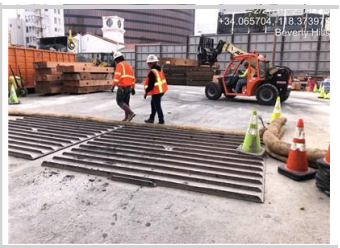
Notes

Photo of general materials work in the Gale yard.

UID: 2812
Date: Feb 27, 2019
Type: Construction Activity
Latitude: 34.0651471001581
Longitude: -118.374052352003
Elevation: 41.3692932128906

Notes

Photo of crew implementing BMP measures for pending rain event.



UID: 2813
Date: Feb 27, 2019
Type: Construction Activity
Latitude: 34.0653192889568
Longitude: -118.373897346121
Elevation: 41.1852636244204

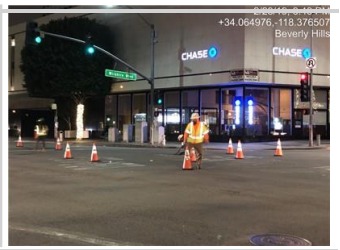
Notes

Photo of traffic control crews removing the North Gale closure.

UID: 2818
Date: Feb 28, 2019
Type: Pre-Activity
Latitude: 34.0653006363449
Longitude: -118.376295747369
Elevation: 41.8773956298828

Notes

Photo of Full Traffic Maintenance setting up the road closure on Wilshire Blvd at La Cienega for UMP work.



Photos

UID: 2817
Date: Feb 28, 2019
Type: Pre-Activity

Latitude: 34.0651818973205
Longitude: -118.376052361484
Elevation: 42.0661010742188

Notes

Photo of closure for UMP work on Wilshire Blvd.

UID: 2819
Date: Feb 28, 2019
Type: Construction Activity

Latitude: 34.0651246416996
Longitude: -118.376057144075
Elevation: 41.1877279281616

Notes

Photo of UMP repair work/ MPBX installation work.

UID: 2815
Date: Feb 28, 2019
Type: Construction Activity

Latitude: 34.0653083799221
Longitude: -118.374163289375
Elevation: 43.2541656494141

Notes

Photo of crews fabricating the timber mat in the yard and front loader preparing timber to be hoisted by the crane into the shaft.

UID: 2816
Date: Feb 28, 2019
Type: Construction Activity

Latitude: 34.0654123866745
Longitude: -118.37426918262
Elevation: 41.8393211364746

Notes

Photo of crews fabricating the timber mat in the yard and crane hoisting timber into the shaft.

UID: 2814
Date: Feb 28, 2019
Type: Construction Activity

Latitude: 34.065336899948
Longitude: -118.37409797459
Elevation: 41.1845846176147

Notes

Photo of crane hoisting fabricated timber into the Gale shaft.

UID: 2824
Date: Mar 01, 2019
Type: Construction Activity

Latitude: 34.065334
Longitude: -118.374191
Elevation: - - -

Notes

Photo of STS utilizing crane to hoist soil out of the Gale yard shaft and stockpiling in the Gale yard.

Photos

UID: 2826
Date: Mar 01, 2019
Type: Construction Activity

Latitude: 34.065207
Longitude: -118.374266
Elevation: - - -

Notes
Photo of STS using forklift on bulldozer to move lumber in the Gale yard.

UID: 2821
Date: Mar 01, 2019
Type: Construction Activity

Latitude: 34.065613
Longitude: -118.375931
Elevation: - - -

Notes
Photo of STS conducting underground work in La Cienega yard shaft.

UID: 2825
Date: Mar 01, 2019
Type: Construction Activity

Latitude: 34.065205
Longitude: -118.374268
Elevation: - - -

Notes
Photo of STS worker drilling holes in pipes and prepping for installation underground.

UID: 2823
Date: Mar 01, 2019
Type: Construction Activity

Latitude: 34.065395
Longitude: -118.374268
Elevation: - - -

Notes
Photo of STS mechanics fixing heavy machinery in the northwest corner of the Gale yard.

UID: 2822
Date: Mar 01, 2019
Type: Construction Activity

Latitude: 34.065369
Longitude: -118.374466
Elevation: - - -

Notes
Photo of STS drilling and adjusting wooden shoring.

Attachment C – Construction Noise Monitoring Results

Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
February 25, 2018					
SLC-2	6:00	57.7	64	No	Trucks are hauling out spoils from the shaft in the Gale yard.
SLC-7	6:30	59	64	No	Trucks are hauling out spoils from the shaft in the Gale yard.
SLC-2	7:00	58.5	69	No	Trucks are hauling out spoils from the shaft in the Gale yard; crane is on standby for emergency egress.
SLC-7	7:00	63.1	69	No	Crews are fabricating iron in the yard. Trucks are hauling spoils from the shaft.
SLC-6/L-8	8:00	75.8	79	No	Crews are fabricating iron in the yard. Trucks are hauling spoils from the shaft.
SLC-4/L-9	8:30	62.4	67	No	Crews are fabricating iron in the yard. Trucks are hauling spoils from the shaft.
SLC-2	9:00	63.2	71.8	No	Crews are fabricating iron in the yard. Trucks are hauling spoils from the shaft. Crane is hauling spoils from the shaft onto the muck pile.
SLC-7	9:30	66.3	71.8	No	Crews are fabricating iron in the yard. Trucks are hauling spoils from the shaft. Crane is hauling spoils from the shaft onto the muck pile.
SLC-1	10:00	61.9	68.1	No	Exhaust fan audible from the La Cienega shaft.
SLC-1	10:16	61.5	68.1	No	Crews are fabricating iron in the yard. Trucks are hauling spoils from the shaft. Crane is hauling spoils from the shaft onto the muck pile.
SLC-7	11:00	63.7	71.9	No	Crews are fabricating iron in the yard. Trucks are hauling spoils from the shaft. Crane is hauling spoils from the shaft onto the muck pile.
SLC-2	11:30	63	71.9	No	Crews are fabricating iron in the yard. Trucks are delivering materials. Crane is hauling materials into the shaft.
SLC-7	12:00	63.1	71.9	No	Crews are fabricating iron in the yard. Trucks are hauling spoils from the shaft. Crane is hauling spoils from the shaft onto the muck pile.
SLC-2	12:30	65.8	71.9	No	Crews are fabricating iron in the yard. Crane is hoisting materials into the shaft.

Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
SLC-1	13:00	66.1	65.8	Yes	Crews are fabricating iron in the yard. Crane is hoisting materials into the shaft. Ambient noise including a Lamborghini and lawn mowing caused exceedance.
SLC-1	13:22	62.8	65.8	No	Ventilation at La Cienega yard ongoing.
SLC-7	14:00	64.2	72.1	No	Crane is hauling spoils from the shaft onto the muck pile; fabrication of iron in the yard.
SLC-2	14:30	59.3	72.1	No	Crane is hauling spoils from the shaft onto the muck pile; fabrication of iron in the yard.
February 26, 2018					
SLC-2	6:00	58.9	64	No	Trucks are hauling out spoils from the yard.
SLC-7	6:30	60.1	64	No	Trucks are hauling out spoils from the yard.
SLC-1	7:00	62.3	67.1	No	Trucks are hauling out spoils from the yard; crane is hoisting materials into the shaft.
L-7	7:15	61.9	67.1	No	Exhaust fan from the La Cienega yard.
SLC-6/L-8	7:42	76.9	79	No	Crews are fabricating the timber mat in the yard; crane is hoisting materials into the Gale shaft.
SLC-4/L-9	8:00	63.4	68	No	Crews are fabricating the timber mat in the yard; crane is hoisting materials into the Gale shaft.
SLC-2	8:30	64.9	71.7	No	Fabricating the timber mat in the yard; crane is hoisting materials into the shaft.
SLC-7	9:00	67.2	71.8	No	Trucks are hauling out spoils from yard; crews are fabricating the timber mat in the yard; crane is hoisting spoils from shaft onto the muck pile.
SLC-7	9:30	64.3	71.8	No	Trucks are hauling out spoils from the yard; crews are fabricating the timber mat in the yard; crane is hauling spoils from the shaft onto the muck pile.

Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
SLC-9	10:00	76.5	68	Yes	Exhaust fan audible from the La Cienega yard. Ambient sounds including leaf blower, lawnmower, heavy traffic, back up alarm, and car horns caused exceedance.
SLC-3	10:30	65.1	64	Yes	Exhaust fan audible from the La Cienega yard. Ambient sounds including helicopter, fire trucks, and back-up alarm caused exceedance.
SLC-7	11:00	62.3	71.9	No	Crane is hoisting excavated spoils from the shaft onto the muck pile; crews are fabricating the timber mat in the yard.
SLC-2	11:30	62.1	71.9	No	Trucks are hauling out spoils from the yard; crews are fabricating the timber mat in the yard; crane is hoisting spoils from the shaft onto the muck pile.
SLC-7	12:00	66.5	71.9	No	Trucks are hauling out spoils from the yard; crews are fabricating the timber mat in the yard; crane is hoisting spoils from the shaft onto the muck pile.
L-7	12:30	60.4	64	No	Exhaust fan audible from the La Cienega yard.
SLC-1	13:00	67.7	67.7	No	Crews are fabricating the timber mat in the yard; crane is hoisting excavated spoils from the shaft onto the muck pile. Ambient sounds: idling vehicle; Lamborghinis (2).
SLC-7	13:30	64	72.9	No	Crews are fabricating the timber mat in the yard; crane is hoisting materials into the Gale shaft.
SLC-2	14:00	64.9	72.1	No	Crane is hoisting a Graydall out of the shaft.
SLC-7	15:30	63.6	72.1	No	Crews are fabricating the timber mat in the yard; truck is making gas/air delivery.
February 27, 2018					
SLC-2	6:12	58.2	64	No	Ambient noise.
SLC-7	7:00	59.9	69	No	Crews are arriving for the morning shift. Ambient noise: street traffic.

Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
SLC-5	7:30	62.8	69	No	Crews are fabricating the timber mat in the yard; no project noise detected at this receptor site.
SLC-4/L-9	8:00	74.5	67	Yes	Trash truck emptying bins into dumpster, and back up alarm caused exceedance.
SLC-7	8:30	65.1	71.7	No	Crews are fabricating the timber mat in the yard.
SLC-2	9:00	62.1	71.8	No	Crews are fabricating the timber mat in the Gale yard.
L-7	9:46	62.3	67.2	No	Fan exhaust noise from the La Cienega yard.
SLC-1	10:01	62.5	58.1	No	Crews are fabricating the timber mat in the Gale yard.
SLC-7	10:30	63.7	71.6	No	Timber delivery; fabricating a timber mat in the yard; equipment maintenance.
SLC-2	11:00	62.1	71.9	No	Timber delivery in the Gale enclosure and yard; fabrication of the timber mat in the yard; miscellaneous material delivery by pickup truck in the Gale enclosure.
SLC-7	11:30	64.9	71.9	No	Timber delivery in the Gale enclosure; fabrication of a timber mat in the yard.
SLC-1	12:00	67.5	66	Yes	Crews are fabricating the timber mat in the yard. Ambient sounds including delivery truck idling with backup alarm, and a leaf blower caused exceedance.
SLC-2	12:30	59.8	71.9	No	Crews are fabricating the timber mat in the Gale yard.
SLC-7	13:00	61.2	72.9	No	Crews are fabricating the timber mat in the Gale yard.
SLC-2	13:30	60.9	72.9	No	Crews are fabricating the timber mat in the Gale yard. Ambient noise: delivery truck (non-project) backup alarm.
SLC-7	14:00	64.1	72.1	No	Crews are fabricating the timber mat in the Gale yard.
SLC-7	14:30	66.8	72.1	No	Crews are setting up flood measures in the Gale yard; fabricating the timber mat. Ambient noise: delivery truck.
February 28, 2019					
SLC-7	7:00	62.5	69	No	Crews are in the morning meeting; crane is running on a low rpm.

Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
SLC-2	7:30	61.4	69	No	Crews are fabricating the timber mat in the yard; crane is hoisting the timber into the shaft.
SLC-5	8:00	65.5	71	No	Crane is hoisting fabricated timber into the shaft- sound is not audible from receptor site. Ambient noise: street traffic.
SLC-4/L-9	8:30	61.7	67	No	Crews are fabricating the timber mat in the yard; crane is hoisting the timber into the shaft.
SLC-3	9:00	61.5	63.6	No	Crews are fabricating the timber mat in the yard; crane is hoisting the timber into the shaft. Ambient noise: unloading of musical equipment at loading dock of Saban Theatre; street traffic and hocking horns.
SLC-1	9:30	61.8	67.2	No	Crews are fabricating the timber mat in the yard; crane is hoisting timber into the shaft.
SLC-2	10:00	61.9	71.6	No	Crews are fabricating the timber mat in the yard; crane is hoisting timber into the shaft
SLC-7	10:30	63.9	71.6	No	Crews are fabricating the timber mat in the yard; crane is hoisting timber and materials into the shaft.
SLC-4/L-9	11:00	64.2	65.6	No	Crews are fabricating the timber mat in the yard; crane is hoisting timber and materials into the shaft. Ambient noise: Mustang; street traffic.
SLC-7	11:22	65.4	71.9	No	Crews are fabricating the timber mat in the yard; crane is hoisting timber and materials into the shaft. Ambient noise: motorcycle; fire truck on S Gale; street traffic; delivery trucks.
SLC-7	12:00	65.2	71.9	No	Crews are fabricating the timber mat in the yard.
SLC-2	13:00	62.2	72.9	No	Crews are fabricating the timber mat in the yard; crane is hoisting timber into the shaft.

Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
L-7	14:00	68.1	65.8	Yes	Noise from the exhaust fan. Note: this is a truncated reading. Recording was stopped due to ambient levels becoming too high (lawnmower, leaf blower) and position of monitor and ICM was in the way of landscaping company being able to conduct their job.
SLC-7	14:00	65.8	72.1	No	Crews are fabricating the timber mat in the yard; crane is hoisting timber and materials into the shaft.
SLC-2	14:30	62.9	72.1	No	Crews are fabricating the timber mat in the yard.
SLC-1	20:00	66.4	64.6	Yes	Exhaust fan from the La Cienega yard; UMP repair/ MPBX installation in the intersection of Wilshire at La Cienega. Ambient noise including car backfire, pedestrians leaving Saban Theatre, and street traffic caused exceedance.
SLC-1	20:56	60.5	65.1	No	Exhaust fan from the La Cienega yard; UMP repair/ MPBX installation.
SLC-1	21:30	60.1	65.1	No	Exhaust fan from the La Cienega yard; UMP repair/ MPBX installation in the intersection of Wilshire and La Cienega.
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SLC-2	5:30	57.9	59	No	Ambient noise reading; no construction activity.
SLC-7	6:00	56.9	64	No	Primarily ambient noise reading, no construction activity. Construction trucks arriving on site. At 6:01 hours, a non-project van parked in front of noise meter.
SLC-2	6:28	57.7	64	No	Ambient noise reading; no construction activity.
SLC-7	7:12	61.3	69	No	Construction crane is running but does not produce an exceedance.
SLC-4/L-9	7:38	61.8	65.2	No	Construction crane is operating but does not produce an exceedance. Primarily ambient noise reading.
SLC-6/L-8	8:15	78.1	73.8	Yes	Construction crane is operating but does not produce an exceedance, traffic on Wilshire Boulevard contributes most noise to reading. Motorcycle driving on Wilshire at 08:17 hours, raised dB to 82.6.

Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
SLC-9	8:40	63.3	70	No	Ventilation fans in La Cienega yard are audible but do not produce an exceedance, traffic on La Cienega Boulevard contributes to ambient noise at this location.
SLC-1	9:15	66	67.2	No	Construction ventilation fans are audible but do not produce a noise exceedance. Garbage truck on North Hamilton at 09:17 hours. Gardening/landscape maintenance (lawnmower, power saws, leaf blowers) at 117 and 114 North Hamilton Drive throughout the reading.
SLC-2	10:11	61.5	71.6	No	Construction activity in Gale yard adding to ambient noise, but does not produce an exceedance.
SLC-4/L-9	11:07	61.6	65.6	No	Construction crane is operating but does not produce an exceedance.
SLC-6/L-8	11:36	71.8	73.6	No	Primarily ambient noise reading; traffic on Wilshire Boulevard contributes most to ambient noise.
SLC-1	12:08	61.7	66	No	Construction ventilation fans are audible but do not produce an exceedance.
SLC-2	13:34	62.7	72.9	No	Construction crane is operating but does not produce an exceedance.
SLC-7	14:01	62.8	72.1	No	Construction crane is operating but does not produce an exceedance. Underground construction is negligible to ambient noise at this location. Mechanics working in northeast corner of Gale yard causing a light sound disturbance.
SLC-4/L-9	14:40	62.1	66.1	No	Primarily ambient noise reading; construction activity is negligible to ambient noise at this location.
SLC-2	15:06	61.1	67.3	No	Construction ventilation fans are audible but do not produce a noise exceedance.
SLC-7	15:32	66.9	72.3	No	Construction moving equipment underground and mechanics fixing heavy machinery in Gale yard.

Receptor ID	Time of Measurement	Measured Noise Level Leq (15-Minute)	Applicable Noise Threshold	Exceeded Threshold?	Notes
SLC-2	16:13	64.9	71.8	No	STS mechanic fixing and running engine of heavy machinery in northeast corner of Gale yard.
SLC-7	16:28	62.4	71.8	No	Construction mechanic fixing heavy machinery and running engines in northeast corner of Gale yard. Equipment running is audible, but does not produce an exceedance. Stopped reading 6:38 in due to rain.